

SPECIFICATIONS FOR SINE-WAVE TARGETS (1020 1/mm)

1. Grayscale patterns of 15 line-pairs of which only the first harmonic will be used.
2. Therefore, it is important that at the higher frequencies the targets only be properly periodic and of known contrast; It is not necessary that the edges be sharp or well-defined.
3. In a square array there would be three groupings oriented in the same direction. The two most probable frequency ranges will be:

<u>A</u>	<u>B</u>
1 - 10	5 - 50
10 - 100	50 - 500
100 - 1000	500 - ?

4. Information needed from [REDACTED] STATINTL

a. Would they be interested, and would they be able to make such targets?

b. How much of an effort would be involved on their part; and how much use could they make of the techniques they are developing under our other contract?

c. How much time would be involved?

d. Estimate approximate fixed-price cost per target.

STATINTL

STATINTL

12 APRIL : RES CALLED BY [REDACTED] IN RESPONSE 2
ABOVE SPECIFICATIONS.
15 APRIL : CONVERSATION over [REDACTED] REQUESTING AN
EXAMPLE of ABOVE SPECIFIED TARGETS to SEND to
[REDACTED] AS A BACKUP (CONSIDERATION) to [REDACTED]
STATINTL
FRCT.

STATINTL

Declass Review by NIMA/DOD